

IN THE CLAIMS

Kindly amend claim 1 as shown in the following claim listing:

1. (currently amended) A sensor comprising a substrate (1) and at least one resonator, said resonator comprising an acoustic reflector (2), a first and a second resonator electrode (3,4), a piezoelectric layer (5) separated from said substrate by said acoustic reflector, and a sensing layer (6) at least partly covering said first and second resonator electrode, wherein the first and the second resonator ~~electrode~~ electrodes (3, 4) are placed on the same side of the piezoelectric layer (5).
2. (original) The sensor of claim 1 wherein the first and the second electrode (3, 4) are interdigitated electrodes.
3. (previously presented) The sensor of claim 1 wherein the sensor comprises a plurality of individually addressable resonators.
4. (original) The sensor of claim 3 wherein the sensing layers (6) of the different resonators comprise different materials.